

OSHA-Required Health And Safety Information!

This Material Safety Data Sheet (MSDS) was requested moments ago from Hercules Automated Fax Information System. Please forward it immediately to the person in charge of MSDS's, or retain it at the machine until claimed.

Section 1

MATERIAL SAFETY DATA SHEET # 35 Boiler & Heating System Cleaner

Date Prepared: 12/23/1986 Last Reviewed: 12/5/2001

Meets OSHA 29 CFR 1910.1200



**MATERIAL
SAFETY
INFORMATION
SERVICE**

Hercules Chemical Company Inc.
111 South Street
Passaic NJ 07055
Phone (800) 221-9330
Fax (800) 333-3456

Section 2 - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity;
Common Name(s), CAS Numbers)

OSHA PEL

ACGIH TLV

Other Limits

Upper Bound
Limit if SARA
Reportable

Cyclohexylamine (108-91-8)

N/A

10 PPM

N/A

< 1

HMIS Hazard Rating: Health: 0 Flammability: 0 Reactivity: 0 Personal Protection: A

Section 3 - Physical/Chemical Characteristics

Boiling Point (°C):

Specific Gravity
(H₂O = 1):

Vapor Density
(Air = 1):

Vapor Pressure
(mm Hg):

212° F

1.12

> 1

at 20° C 17.5mm

Melting Point (° F)

Evaporation Rate:
(Butyl Acetate = 1)

Solubility in Water:

N/A

> 1

Soluble

Appearance And Color: Yellow color liquid

Odor: Slight amine odor

Section 4 - Fire And Explosion Hazard Data

Flash Point:

Flammable Limits:

LEL:

UEL:

None

N/A

Extinguishing Media: None; non-combustible

Special Firefighting Procedures:

As appropriate for surrounding fire.

Unusual Fire And Explosion Hazards:

None

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Section 5 - Reactivity Data

Stability: Stable Conditions To Avoid: None

Incompatability None known
(Materials To Avoid):

Hazardous Decomposition: None

Hazardous Polymerization: Will Not Occur

Section 6 - Health Hazard Data

Routes of Entry: Inhalation N/A Skin YES/Primary Ingestion YES/Secondary

Health Hazards:

None known

Carcinogenicity: NTP NO IARC NO OSHA Regulated NO

Signs And Symptoms of Exposure:

None

Medical Conditions Generally Aggravated By Exposure:

None known

Emergency And First Aid Procedures:

SKIN: Wash with soap & water. EYES: As with most foreign materials should eye contact occur, flush eyes with plenty of water and get medical attention. INGESTION: Irritant; give large quantities of water. Get medical attention.

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Section 7 - Precautions For Safe Handling And Use:**Steps To Be Taken In Case Material Is Released Or Spilled:**

Soak up with absorbent material and sweep up.

Waste Disposal Method:

Non-hazardous landfill

Precautions To Be Taken In Handling And Storing:

None

Other Precautions:

None

Section 8 - Control Measures:**Respiratory Protection:**

None required

Ventilation: Local Exhaust Adequate
Mechanical N/A

Special N/A

Gloves: None

Other: N/A

Eye Protection: Goggles

Other Protective
Clothing: None required

Work/Hygienic Practices Wash after handling.



FACTS
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AST!

For Hercules Material Safety Data Sheets by fax anytime, day or night, just call 1-800-942-INFO (1-800-942-4636) from any Touch-Tone phone. Have your fax number ready. Checking the product label for the correct MSDS # will save time.